Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L6	723	conformational adj1 change and receptor adj1 activation	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/03/08 16:22
L10	224	L6 and (agonist? or antagonist?)	USPAT	OR	OFF	2005/03/08 16:13
L11	157	L10 and probe	USPAT	OR	OFF	2005/03/08 16:15
L16	13	conformational adj1 assay?	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/08 16:19
L21	462	(Brian adj1 Kobilka.in.) or (Pejman near Ghanouni.in.) or (Tae near Lee.in.)	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/03/08 16:24
L22	2	L21 and L6	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/03/08 16:24

	U	1	Document ID	Issue Date	Pages
1			US 20030129649 A1	20030710	39
2			US 20030195194 A1	20031016	179
3			US 20030232407 A1	20031218	55
4			US 20040002089 A1	20040101	27
5			US 20040053388 A1	20040318	73
6			US 20040157268 A1	20040812	65
7	X		US 20040175792 A1	20040909	83
8	X		US 20040175793 A1	20040909	80
9	X		US 20040185469 A1	20040923	84

	Title	Current OR	Current XRef
1	Conformational assays to detect binding to G protein-coupled receptors	435/7.1	435/287.2; 435/7.2
2	Inhibitors of macrophage migration inhibitory factor and methods for identifying the same	514/218	514/253.07; 514/312; 540/575; 544/363; 546/156; 546/157
3	T1R hetero-oligomeric taste receptors and cell lines that express said receptors and use thereof for identification of taste compounds	435/69.1	435/320.1; 435/325; 530/350; 536/23.5
4	Methods employing fluorescence quenching by metal surfaces	435/6	436/525
5	Detection of protein conformation using a split ubiquitin reporter system	435/194	435/320.1; 435/325; 435/69.7; 530/350; 530/399
6	Conformational assays to detect binding to membrane spanning, signal-transducing proteins	435/7.2	
7	Cell lines that stably or transiently express a functional sweet (T1R2/T1R3) taste receptor	435/69.1	435/320.1; 435/325; 514/12; 530/350; 536/23.5
8	Cell lines that stably or transiently express a functional umami (T1R1/T1R3) taste receptor	435/69.1	435/320.1; 435/325; 514/12; 530/350; 536/23.5
9	Isolated (T1R1/T1R3) umami taste receptors that respond to umami taste stimuli	435/6	435/320.1; 435/325; 435/69.1; 530/350; 536/23.5

	U	1	Document ID	Issue Date	Pages
10	X		US 20040191862 A1	20040930	83
11	X		US 20040204586 A1	20041014	120
12	X		US 20040214239 A1	20041028	206
13			WO 2086507 A1	20021031	104

	Title	Current OR	Current XRef
10	Recombinant methods for expressing a functional sweet (T1R2/T1R3) taste receptor	435/69.1	435/320.1; 435/325; 530/350; 536/23.5
11	Inhibitors of macrophage migration inhibitory factor and methods for identifying the same	544/363	
12	Functional coupling of T1Rs and T2Rs by GI proteins, and cell-based assays for the identification of T1R and T2R modulators	435/7.2	
13	CONFORMATIONAL ASSAYS TO DETECT BINDING TO MEMBRANE SPANNING, SIGNAL-TRANSDUCING PROTEINS		

(FILE 'HOME' ENTERED AT 16:41:14 ON 08 MAR 2005)

FILE 'STNGUIDE' ENTERED AT 16:41:22 ON 08 MAR 2005

FILE 'MEDLINE' ENTERED AT 16:41:27 ON 08 MAR 2005

L1 5099 S (KOBILKA, B.? OR KOBILKA B?)/AU OR (GHANOUNI, P.? OR GHANOUNI
L2 0 S CONFORMATIONAL ASSAY?
L3 2005 S CONFORMATIONAL CHANGE AND (AGONIST? OR ANTAGONIST?)
L4 124 S L3 AND PROBE?
L5 8 S L4 AND RECEPTOR ACTIVATION
L6 5 S L1 AND L4
L7 4 S EGF RECEPTOR AND DIMERIZATION AND LINKING AGENT?

```
FILE 'MEDLINE' ENTERED AT 16:41:27 ON 08 MAR 2005

 FILE LAST UPDATED: 5 MAR 2005 (20050305/UP).  FILE COVERS 1950 TO DATE.

 On December 19, 2004, the 2005 MeSH terms were loaded.

 The MEDLINE reload for 2005 is now available.  For details enter HELP
 RLOAD at an arrow promt (=>).  See also:

    http://www.nlm.nih.gov/mesh/
    http://www.nlm.nih.gov/pubs/techbull/nd04/nd04_mesh.html

 OLDMEDLINE now back to 1950.

 MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the
 MeSH 2005 vocabulary.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s (Kobilka, B.? or Kobilka B?)/au or (Ghanouni, P.? or Ghanouni P?)/au or (Lee, T.? or Lee
T?)/au
            94 KOBILKA, B.?/AU
           137 KOBILKA B?/AU
             0 GHANOUNI, P.?/AU
            13 GHANOUNI P?/AU
          3491 LEE, T.?/AU
          4966 LEE T?/AU
L1        5099 (KOBILKA, B.? OR KOBILKA B?)/AU OR (GHANOUNI, P.? OR GHANOUNI
               P?)/AU OR (LEE, T.? OR LEE T?)/AU

=> s conformational assay?
         50935 CONFORMATIONAL
        490678 ASSAY?
L2           0 CONFORMATIONAL ASSAY?
                 (CONFORMATIONAL(W)ASSAY?)

=> s conformational change and (agonist? or antagonist?)
         50935 CONFORMATIONAL
        410672 CHANGE
        866751 CHANGES
       1164152 CHANGE
                 (CHANGE OR CHANGES)
         19563 CONFORMATIONAL CHANGE
                 (CONFORMATIONAL(W)CHANGE)
        147274 AGONIST?
        484299 ANTAGONIST?
L3        2005 CONFORMATIONAL CHANGE AND (AGONIST? OR ANTAGONIST?)

=> s L3 and probe/
'PROBE/' IS NOT A VALID FIELD CODE
For a list of field codes for the current file, enter "HELP SFIELDS"
at an arrow prompt (=>).

=> s L3 and probe?
        158901 PROBE?
L4         124 L3 AND PROBE?

=> s L4 and receptor activation
        485197 RECEPTOR
        522645 RECEPTORS
        683443 RECEPTOR
                 (RECEPTOR OR RECEPTORS)
        475906 ACTIVATION
          2626 ACTIVATIONS
        476893 ACTIVATION
                 (ACTIVATION OR ACTIVATIONS)
         10385 RECEPTOR ACTIVATION
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(RECEPTOR(W)ACTIVATION)
L5 8 L4 AND RECEPTOR ACTIVATION

=> s L1 and L4
L6 5 L1 AND L4

=> d L5 1-8

L5 ANSWER 1 OF 8 MEDLINE on STN
AN 2004029716 MEDLINE
DN PubMed ID: 14593094
TI Spatial approximation between the amino terminus of a peptide **agonist** and the top of the sixth transmembrane segment of the secretin receptor.
AU Dong Maoqing; Li Zhijun; Pinon Delia I; Lybrand Terry P; Miller Laurence J
CS Department of Molecular Pharmacology and Experimental Therapeutics, Mayo Clinic Scottsdale, Scottsdale, Arizona 85259, USA.
NC DK46577 (NIDDK)
NS-33290 (NINDS)
SO Journal of biological chemistry, (2004 Jan 23) 279 (4) 2894-903.
Electronic Publication: 2003-10-30.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200404
ED Entered STN: 20040121
Last Updated on STN: 20040424
Entered Medline: 20040423

L5 ANSWER 2 OF 8 MEDLINE on STN
AN 2002279686 MEDLINE
DN PubMed ID: 11893747
TI Environment and mobility of a series of fluorescent reporters at the amino terminus of structurally related peptide **agonists** and **antagonists** bound to the cholecystokinin receptor.
AU Harikumar Kaleeckal G; Pinon Delia I; Wessels William S; Prendergast Franklyn G; Miller Laurence J
CS Department of Molecular Pharmacology and Experimental Therapeutics, Mayo Clinic and Foundation, Rochester, Minnesota 55905, USA.
NC DK32878 (NIDDK)
GM34847-16 (NIGMS)
SO Journal of biological chemistry, (2002 May 24) 277 (21) 18552-60.
Electronic Publication: 2002-03-13.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200206
ED Entered STN: 20020522
Last Updated on STN: 20030105
Entered Medline: 20020624

L5 ANSWER 3 OF 8 MEDLINE on STN
AN 2002138499 MEDLINE
DN PubMed ID: 11855982
TI Secondary structure of the third extracellular loop responsible for ligand selectivity of a mammalian gonadotropin-releasing hormone receptor.
AU Petry Renate; Craik David; Haaima Gerald; Fromme Bernhard; Klump Horst; Kiefer Wolfgang; Palm Dieter; Millar Robert
CS Institut fur Physikalische Chemie, Universitat Wurzburg, Am Hubland, D-97074 Wurzburg, Germany.
SO Journal of medicinal chemistry, (2002 Feb 28) 45 (5) 1026-34.
Journal code: 9716531. ISSN: 0022-2623.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 200203
ED Entered STN: 20020305
Last Updated on STN: 20020326
Entered Medline: 20020325

L5 ANSWER 4 OF 8 MEDLINE on STN
AN 2002062921 MEDLINE
DN PubMed ID: 11698401
TI **Conformational changes** that occur during M3 muscarinic acetylcholine **receptor activation probed** by the use of an in situ disulfide cross-linking strategy.
AU Ward Stuart D C; Hamdan Fadi F; Bloodworth Lanh M; Wess Jurgen
CS Laboratory of Bioorganic Chemistry, NIDDK, National Institutes of Health, Bethesda, Maryland 20892, USA.
SO Journal of biological chemistry, (2002 Jan 18) 277 (3) 2247-57.
Electronic Publication: 2001-11-06.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200202
ED Entered STN: 20020125
Last Updated on STN: 20030105
Entered Medline: 20020213

L5 ANSWER 5 OF 8 MEDLINE on STN
AN 2000095906 MEDLINE
DN PubMed ID: 10632045
TI Thrombin receptor-activating peptides (TRAPs): investigation of bioactive conformations via structure-activity, spectroscopic, and computational studies.
AU Ceruso M A; McComsey D F; Leo G C; Andrade-Gordon P; Addo M F; Scarborough R M; Oksenberg D; Maryanoff B E
CS The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA 19477, USA.
SO Bioorganic & medicinal chemistry, (1999 Nov) 7 (11) 2353-71.
Journal code: 9413298. ISSN: 0968-0896.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200002
ED Entered STN: 20000229
Last Updated on STN: 20000229
Entered Medline: 20000214

L5 ANSWER 6 OF 8 MEDLINE on STN
AN 1999171159 MEDLINE
DN PubMed ID: 10071765
TI Characterization of ligand-induced conformational states in the beta 2 adrenergic receptor.
AU Kobilka B; Gether U; Seifert R; Lin S; Ghanouni P
CS Howard Hughes Medical Institute, Department of Molecular and Cellular Physiology, Stanford University Medical Center, CA 94305-5345, USA.
SO Journal of receptor and signal transduction research, (1999 Jan-Jul) 19 (1-4) 293-300.
Journal code: 9509432. ISSN: 1079-9893.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199906
ED Entered STN: 19990628
Last Updated on STN: 20000303
Entered Medline: 19990615

L5 ANSWER 7 OF 8 MEDLINE on STN
AN 1998387870 MEDLINE
DN PubMed ID: 9719594
TI Small molecular **probes** for G-protein-coupled C5a receptors: conformationally constrained **antagonists** derived from the C terminus of the human plasma protein C5a.
AU Wong A K; Finch A M; Pierens G K; Craik D J; Taylor S M; Fairlie D P
CS Centre for Drug Design and Development and Department of Physiology and Pharmacology, University of Queensland, Brisbane, Qld 4072, Australia.
SO Journal of medicinal chemistry, (1998 Aug 27) 41 (18) 3417-25.
Journal code: 9716531. ISSN: 0022-2623.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199809
ED Entered STN: 19980925
Last Updated on STN: 20000303
Entered Medline: 19980917

L5 ANSWER 8 OF 8 MEDLINE on STN
AN 96081866 MEDLINE
DN PubMed ID: 7499324
TI Fluorescent labeling of purified beta 2 adrenergic receptor. Evidence for ligand-specific **conformational changes**.
AU Gether U; Lin S; Kobilka B K
CS Howard Hughes Medical Institute, Stanford University Medical School, California 94305, USA.
NC RO1 NS28471 (NINDS)
SO Journal of biological chemistry, (1995 Nov 24) 270 (47) 28268-75.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199601
ED Entered STN: 19960217
Last Updated on STN: 20000303
Entered Medline: 19960117

=> d L6 1-4

L6 ANSWER 1 OF 5 MEDLINE on STN
AN 2001408259 MEDLINE
DN PubMed ID: 11438704
TI Single-molecule spectroscopy of the beta(2) adrenergic receptor: observation of conformational substates in a membrane protein.
AU Peleg G; **Ghanouni P**; **Kobilka B K**; Zare R N
CS Department of Chemistry, Stanford University, Stanford, CA 94305, USA.
NC 5R01 NS28471 (NINDS)
5T32GM07365 (NIGMS)
DA09873 (NIDA)
F32 GM19835-02 (NIGMS)
SO Proceedings of the National Academy of Sciences of the United States of America, (2001 Jul 17) 98 (15) 8469-74. Electronic Publication: 2001-07-03.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200108
ED Entered STN: 20010903
Last Updated on STN: 20030105
Entered Medline: 20010830

L6 ANSWER 2 OF 5 MEDLINE on STN
AN 1999171159 MEDLINE
DN PubMed ID: 10071765
TI Characterization of ligand-induced conformational states in the beta 2 adrenergic receptor.
AU **Kobilka B**; Gether U; Seifert R; Lin S; **Ghanouni P**
CS Howard Hughes Medical Institute, Department of Molecular and Cellular Physiology, Stanford University Medical Center, CA 94305-5345, USA.
SO Journal of receptor and signal transduction research, (1999 Jan-Jul) 19 (1-4) 293-300.
Journal code: 9509432. ISSN: 1079-9893.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199906
ED Entered STN: 19990628
Last Updated on STN: 20000303
Entered Medline: 19990615

L6 ANSWER 3 OF 5 MEDLINE on STN
AN 1998244526 MEDLINE
DN PubMed ID: 9585127
TI Examination of ligand-induced **conformational changes** in the beta2 adrenergic receptor.
AU **Kobilka B**; Gether U; Seifert R; Lin S; **Ghanouni P**
CS Howard Hughes Medical Institute, Department of Molecular and Cellular Physiology, Stanford University Medical Center, USA.
SO Life sciences, (1998) 62 (17-18) 1509-12. Ref: 7
Journal code: 0375521. ISSN: 0024-3205.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199805
ED Entered STN: 19980609
Last Updated on STN: 19980609
Entered Medline: 19980526

L6 ANSWER 4 OF 5 MEDLINE on STN
AN 97085400 MEDLINE
DN PubMed ID: 8931540
TI Ligand stabilization of the beta 2 adrenergic receptor: effect of DTT on receptor conformation monitored by circular dichroism and fluorescence spectroscopy.
AU Lin S; Gether U; **Kobilka B K**
CS Howard Hughes Medical Institute, Division of Cardiovascular Medicine, Stanford University Medical School, California 94305, USA.
NC RO 1 NS28471 (NINDS)
SO Biochemistry, (1996 Nov 19) 35 (46) 14445-51.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199701
ED Entered STN: 19970128
Last Updated on STN: 19970128
Entered Medline: 19970107

=> s EGF receptor and dimerization and linking agent?
17658 EGF
29 EGFS
17659 EGF
(EGF OR EGFS)

```
        485197 RECEPTOR
        522645 RECEPTORS
        683443 RECEPTOR
                 (RECEPTOR OR RECEPTORS)
          5932 EGF RECEPTOR
                 (EGF(W)RECEPTOR)
         18692 DIMERIZATION
            30 DIMERIZATIONS
         18703 DIMERIZATION
                 (DIMERIZATION OR DIMERIZATIONS)
         40933 LINKING
            39 LINKINGS
         40957 LINKING
                 (LINKING OR LINKINGS)
       1058232 AGENT?
          1148 LINKING AGENT?
                 (LINKING(W)AGENT?)
L7           4 EGF RECEPTOR AND DIMERIZATION AND LINKING AGENT?

=> d L7 1-4

L7   ANSWER 1 OF 4     MEDLINE on STN
AN   93349910     MEDLINE
DN   PubMed ID: 8347619
TI   Real-time measurements of kinetics of EGF binding to soluble EGF
     receptor monomers and dimers support the dimerization
     model for receptor activation.
AU   Zhou M; Felder S; Rubinstein M; Hurwitz D R; Ullrich A; Lax I;
     Schlessinger J
CS   Department of Pharmacology, New York University Medical Center, New York
     10016.
SO   Biochemistry, (1993 Aug 17) 32 (32) 8193-8.
     Journal code: 0370623. ISSN: 0006-2960.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   199309
ED   Entered STN: 19931001
     Last Updated on STN: 20000303
     Entered Medline: 19930916

L7   ANSWER 2 OF 4     MEDLINE on STN
AN   92042121     MEDLINE
DN   PubMed ID: 1657987
TI   EGF induces increased ligand binding affinity and dimerization
     of soluble epidermal growth factor (EGF) receptor
     extracellular domain.
AU   Hurwitz D R; Emanuel S L; Nathan M H; Sarver N; Ullrich A; Felder S; Lax
     I; Schlessinger J
CS   Rhone-Poulenc Rorer Central Research, King of Prussia, Pennsylvania 19406.
SO   Journal of biological chemistry, (1991 Nov 15) 266 (32) 22035-43.
     Journal code: 2985121R. ISSN: 0021-9258.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   199112
ED   Entered STN: 19920124
     Last Updated on STN: 20000303
     Entered Medline: 19911223

L7   ANSWER 3 OF 4     MEDLINE on STN
AN   89071737     MEDLINE
DN   PubMed ID: 3264402
TI   Ligand-induced stimulation of epidermal growth factor receptor mutants
     with altered transmembrane regions.
AU   Kashles O; Szapary D; Bellot F; Ullrich A; Schlessinger J; Schmidt A
```

CS Rorer Biotechnology, King of Prussia, PA 19406.
SO Proceedings of the National Academy of Sciences of the United States of America, (1988 Dec) 85 (24) 9567-71.
Journal code: 7505876. ISSN: 0027-8424.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198901
ED Entered STN: 19900308
Last Updated on STN: 20000303
Entered Medline: 19890126

L7 ANSWER 4 OF 4 MEDLINE on STN
AN 88139404 MEDLINE
DN PubMed ID: 3257758
TI Demonstration of epidermal growth factor-induced receptor **dimerization** in living cells using a chemical covalent cross-**linking agent**.
AU Cochet C; Kashles O; Chambaz E M; Borrello I; King C R; Schlessinger J
CS Department of Chemical Immunology, Weizmann Institute of Science, Rehovot, Israel.
NC CA 25820 (NCI)
SO Journal of biological chemistry, (1988 Mar 5) 263 (7) 3290-5.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198804
ED Entered STN: 19900308
Last Updated on STN: 20000303
Entered Medline: 19880406

```
 s conformation? change and agonist
        207789 CONFORMATION?
        410672 CHANGE
         10195 CONFORMATION? CHANGE
                 (CONFORMATION?(W)CHANGE)
         85957 AGONIST
L12        221 CONFORMATION? CHANGE AND AGONIST

=> s L12 and probe
         87484 PROBE
L13          8 L12 AND PROBE

=> d L13 1-8

L13  ANSWER 1 OF 8     MEDLINE on STN
AN   2004029716     MEDLINE
DN   PubMed ID: 14593094
TI   Spatial approximation between the amino terminus of a peptide
     agonist and the top of the sixth transmembrane segment of the
     secretin receptor.
AU   Dong Maoqing; Li Zhijun; Pinon Delia I; Lybrand Terry P; Miller Laurence J
CS   Department of Molecular Pharmacology and Experimental Therapeutics, Mayo
     Clinic Scottsdale, Scottsdale, Arizona 85259, USA.
NC   DK46577 (NIDDK)
     NS-33290 (NINDS)
SO   Journal of biological chemistry, (2004 Jan 23) 279 (4) 2894-903.
     Electronic Publication: 2003-10-30.
     Journal code: 2985121R. ISSN: 0021-9258.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   200404
ED   Entered STN: 20040121
     Last Updated on STN: 20040424
     Entered Medline: 20040423

L13  ANSWER 2 OF 8     MEDLINE on STN
AN   2002279686     MEDLINE
DN   PubMed ID: 11893747
TI   Environment and mobility of a series of fluorescent reporters at the amino
     terminus of structurally related peptide agonists and antagonists bound to
     the cholecystokinin receptor.
AU   Harikumar Kaleeckal G; Pinon Delia I; Wessels William S; Prendergast
     Franklyn G; Miller Laurence J
CS   Department of Molecular Pharmacology and Experimental Therapeutics, Mayo
     Clinic and Foundation, Rochester, Minnesota 55905, USA.
NC   DK32878 (NIDDK)
     GM34847-16 (NIGMS)
SO   Journal of biological chemistry, (2002 May 24) 277 (21) 18552-60.
     Electronic Publication: 2002-03-13.
     Journal code: 2985121R. ISSN: 0021-9258.
CY   United States
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   200206
ED   Entered STN: 20020522
     Last Updated on STN: 20030105
     Entered Medline: 20020624

L13  ANSWER 3 OF 8     MEDLINE on STN
AN   1998244526     MEDLINE
DN   PubMed ID: 9585127
TI   Examination of ligand-induced conformational changes in the beta2
     adrenergic receptor.
AU   Kobilka B; Gether U; Seifert R; Lin S; Ghanouni P
CS   Howard Hughes Medical Institute, Department of Molecular and Cellular
```

Physiology, Stanford University Medical Center, USA.
SO Life sciences, (1998) 62 (17-18) 1509-12. Ref: 7
Journal code: 0375521. ISSN: 0024-3205.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
General Review; (REVIEW)
(REVIEW, TUTORIAL)
LA English
FS Priority Journals
EM 199805
ED Entered STN: 19980609
Last Updated on STN: 19980609
Entered Medline: 19980526

L13 ANSWER 4 OF 8 MEDLINE on STN
AN 96081866 MEDLINE
DN PubMed ID: 7499324
TI Fluorescent labeling of purified beta 2 adrenergic receptor. Evidence for ligand-specific conformational changes.
AU Gether U; Lin S; Kobilka B K
CS Howard Hughes Medical Institute, Stanford University Medical School, California 94305, USA.
NC RO1 NS28471 (NINDS)
SO Journal of biological chemistry, (1995 Nov 24) 270 (47) 28268-75.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199601
ED Entered STN: 19960217
Last Updated on STN: 20000303
Entered Medline: 19960117

L13 ANSWER 5 OF 8 MEDLINE on STN
AN 96070881 MEDLINE
DN PubMed ID: 7499218
TI Ligand-induced conformational alterations of the androgen receptor analyzed by limited trypsinization. Studies on the mechanism of antiandrogen action.
AU Kuil C W; Berrevoets C A; Mulder E
CS Department of Endocrinology and Reproduction, Erasmus University Rotterdam, The Netherlands.
SO Journal of biological chemistry, (1995 Nov 17) 270 (46) 27569-76.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199601
ED Entered STN: 19960217
Last Updated on STN: 19970203
Entered Medline: 19960117

L13 ANSWER 6 OF 8 MEDLINE on STN
AN 93363595 MEDLINE
DN PubMed ID: 8102880
TI Cholinergic binding sites on the pentameric acetylcholine receptor of Torpedo californica.
AU Dunn S M; Raftery M A
CS Department of Pharmacology, Faculty of Medicine, University of Alberta, Edmonton, Canada.
NC NIDA 5P01-DA05695 (NIDA)
NS-10294 (NINDS)
SO Biochemistry, (1993 Aug 24) 32 (33) 8608-15.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)

LA English
FS Priority Journals
EM 199309
ED Entered STN: 19931015
Last Updated on STN: 19970203
Entered Medline: 19930927

L13 ANSWER 7 OF 8 MEDLINE on STN
AN 83100526 MEDLINE
DN PubMed ID: 6129853
TI Dual effect of N-ethylmaleimide on **agonist**-mediated conformational changes of beta-adrenergic receptors.
AU Andre C; Vauquelin G; Severne Y; De Backer J P; Strosberg A D
SO Biochemical pharmacology, (1982 Nov 15) 31 (22) 3657-62.
Journal code: 0101032. ISSN: 0006-2952.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198302
ED Entered STN: 19900317
Last Updated on STN: 19950206
Entered Medline: 19830225

L13 ANSWER 8 OF 8 MEDLINE on STN
AN 82046570 MEDLINE
DN PubMed ID: 7295697
TI Effects of local anesthetics and histrionicotoxin on the binding of carbamoylcholine to membrane-bound acetylcholine receptor.
AU Dunn S M; Blanchard S G; Raftery M A
NC NS-10294 (NINDS)
SO Biochemistry, (1981 Sep 15) 20 (19) 5617-24.
Journal code: 0370623. ISSN: 0006-2960.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198201
ED Entered STN: 19900316
Last Updated on STN: 19970203
Entered Medline: 19820120

=> s conformation? change and agonist and label
207789 CONFORMATION?
410672 CHANGE
10195 CONFORMATION? CHANGE
(CONFORMATION?(W)CHANGE)
85957 AGONIST
35201 LABEL
L14 3 CONFORMATION? CHANGE AND AGONIST AND LABEL

=> s L14 1-3
MISSING OPERATOR L14 1-3
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> d L14 1-3

L14 ANSWER 1 OF 3 MEDLINE on STN
AN 2004029716 MEDLINE
DN PubMed ID: 14593094
TI Spatial approximation between the amino terminus of a peptide **agonist** and the top of the sixth transmembrane segment of the secretin receptor.
AU Dong Maoqing; Li Zhijun; Pinon Delia I; Lybrand Terry P; Miller Laurence J
CS Department of Molecular Pharmacology and Experimental Therapeutics, Mayo Clinic Scottsdale, Scottsdale, Arizona 85259, USA.

NC DK46577 (NIDDK)
NS-33290 (NINDS)
SO Journal of biological chemistry, (2004 Jan 23) 279 (4) 2894-903.
Electronic Publication: 2003-10-30.
Journal code: 2985121R. ISSN: 0021-9258.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200404
ED Entered STN: 20040121
Last Updated on STN: 20040424
Entered Medline: 20040423

L14 ANSWER 2 OF 3 MEDLINE on STN
AN 90097014 MEDLINE
DN PubMed ID: 2601325
TI Characterization and structure of ovarian and testicular LH/hCG receptors.
AU Dufau M L; Minegishi T; Buczko E S; Delgado C J; Zhang R
CS Section on Molecular Endocrinology, National Institute of Child Health and Human Development, Bethesda, Maryland 20892.
SO Journal of steroid biochemistry, (1989 Oct) 33 (4B) 715-20.
Journal code: 0260125. ISSN: 0022-4731.
CY ENGLAND: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199002
ED Entered STN: 19900328
Last Updated on STN: 19900328
Entered Medline: 19900206

L14 ANSWER 3 OF 3 MEDLINE on STN
AN 84164059 MEDLINE
DN PubMed ID: 6707728
TI Localization of phencyclidine binding sites on alpha and beta subunits of the nicotinic acetylcholine receptor from Torpedo ocellata electric organ using azido phencyclidine.
AU Haring R; Kloog Y; Sokolovsky M
SO Journal of neuroscience : official journal of the Society for Neuroscience, (1984 Mar) 4 (3) 627-37.
Journal code: 8102140. ISSN: 0270-6474.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 198405
ED Entered STN: 19900319
Last Updated on STN: 19900319
Entered Medline: 19840504